

Converting Colors

$Yxy(41.8562, 0.3071, 0.3365)$

Have a look what the booklet for
Yxy(41.8562, 0.3071, 0.3365)
contains.

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Color

Yxy(41.8455, 0.3071, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	A4B0AA
RGB	164, 176, 170
RGB Percent	64%, 69%, 67%
CMY	0.3569, 0.3098, 0.3334
CMYK	0.07, 0.00, 0.03, 0.31
HSL	150°, 7%, 67%
HSV	150°, 7%, 69%
XYZ	38.0876, 41.8455, 44.0903
YIQ	171.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

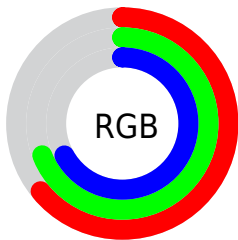
Format	Color
RYB	164, 172, 176
Decimal	10793130
CIELab	70.76, -5.36, 1.63
CIELCh	71, 5.601, 163.091
Yxy	41.8455, 0.3071, 0.3374
Android (android.graphics.Color)	4288983210 (0xFFA4B0AA)
YUV	171.7280, -0.8519, -6.7775
Hunter-Lab	64.6881, -8.1055, 4.8706

Details

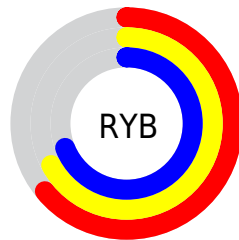
The Yxy color **41.8455, 0.3071, 0.3374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6811, 0.3187, 0.3207**, and the grayscale version is **41.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2095, 0.3083, 0.3365**, and **19.1681, 0.3050, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **39.7797, 0.2990, 0.3509**, and if you desaturate by 10%, it is **44.1964, 0.3153, 0.3253**.

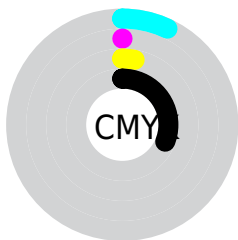
Distribution



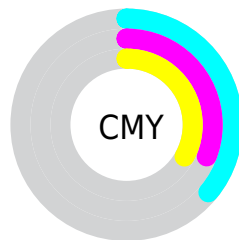
- Red (64%)
- Green (69%)
- Blue (67%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8455, 0.3071, 0.3374 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 41.8455, 0.3071, 0.3374 by changing the saturation by 10% instead.

■ 41.8455, 0.3071,
0.3374

■ 41.8455, 0.3071,
0.3374

■ 353.8421, 0.3100,
0.3331

■ 28.9803, 0.3064,
0.3385

■ 77.9657, 0.3082,
0.3358

■ 19.0659, 0.3054,
0.3399

■ 101.9896, 0.3086,
0.3352

■ 11.7179, 0.3041,
0.3419

■ 130.5018, 0.3089,
0.3347

■ 6.5519, 0.3022,
0.3447

■ 163.8868, 0.3092,
0.3343

■ 3.1835, 0.2993,
0.3491

■ 202.5289, 0.3094,
0.3340

■ 1.2283, 0.2941,
0.3569

■ 246.8126, 0.3096,

■ 0.0846, 0.0000,

0.3336

1.0000

297.1222, 0.3098,
0.3334

0.0000, 0.0000,
0.0000

41.8455, 0.3071,
0.3374

41.8455, 0.3071,
0.3374

39.7797, 0.2990,
0.3509

44.1964, 0.3153,
0.3253

37.9827, 0.2913,
0.3659

46.8376, 0.3235,
0.3146

36.4445, 0.2843,
0.3823

49.7806, 0.3316,
0.3052

35.1524, 0.2782,
0.3999

53.0348, 0.3394,
0.2969

34.0928, 0.2733,
0.4186

56.6092, 0.3470,
0.2896

■ 33.2505, 0.2701,
0.4379

■ 57.6385, 0.3420,
0.2813

■ 32.6084, 0.2686,
0.4574

■ 58.1268, 0.3347,
0.2728

■ 32.1468, 0.2692,
0.4766

■ 58.6404, 0.3275,
0.2646

■ 31.8380, 0.2715,
0.4949

■ 59.1795, 0.3206,
0.2566

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.8455, 0.3152, 0.3421



41.8455, 0.3071, 0.3374



41.8455, 0.3005, 0.3304

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.8455, 0.3071, 0.3374



41.8455, 0.3027, 0.3152



41.8455, 0.3285, 0.3345

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.8455, 0.3071, 0.3374



38.6811, 0.3187, 0.3207

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.8455, 0.3250, 0.3274



41.8455, 0.3071, 0.3374



41.8455, 0.3101, 0.3164

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.8455, 0.3071, 0.3374



41.8455, 0.2980, 0.3176



41.8455, 0.3183, 0.3209



41.8455, 0.3277, 0.3403

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.8455, 0.3071, 0.3374



41.8455, 0.2979, 0.3255



41.8455, 0.3183, 0.3209



41.8455, 0.3278, 0.3322

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.8473, 0.3071, 0.3374



77.8658, 0.3110, 0.3314



42.3026, 0.3174, 0.3457



16.8850, 0.3111, 0.3313



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8473, 0.3071, 0.3374



75.3682, 0.3060, 0.3391



42.0727, 0.3025, 0.3292



9.5584, 0.3051, 0.3406



23.3082, 0.2719, 0.4988



0.7452, 0.2575, 0.4471

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.6811, 0.3187, 0.3207



68.5842, 0.3200, 0.3191



38.4654, 0.3239, 0.3288



8.5740, 0.3211, 0.3176



7.3041, 0.4923, 0.2486



0.2416, 0.4324, 0.2155

Previews

White Background



This preview shows how the Yxy color 41.8455, 0.3071, 0.3374 looks on a white background.

Color Contrast Check

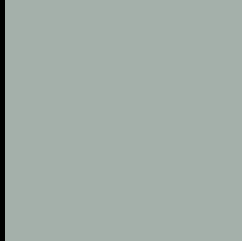
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.8455, 0.3071, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

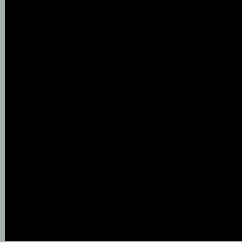
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

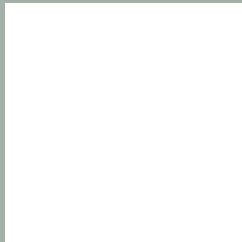
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8455, 0.3071, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 41.8455, 0.3071, 0.3374.



This preview shows how white text looks on a background with the Yxy color 41.8455, 0.3071, 0.3374.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.8455, 0.3071, 0.3374

Protanopia

41.6793, 0.3206, 0.3345

Deuteranopia

41.5631, 0.3298, 0.3225



Tritanopia

41.6905, 0.2963, 0.3100

Trichromacy



Original Color

41.8455, 0.3071, 0.3374

Protanomaly

41.5224, 0.3151, 0.3345

Deuteranomaly

41.5135, 0.3219, 0.3277

Tritanomaly

41.7153, 0.3001, 0.3194

Monochromacy



Original Color

41.8455, 0.3071, 0.3374

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2624, 0.3108, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8455, 0.3071, 0.3374 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 176, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 176, 170) }
```

Border

The CSS property to change the border of an element to Yxy 41.8455, 0.3071, 0.3374 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 176, 170) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(164, 176, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(164, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 176,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8455, 0.3071, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 176, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164,  
176, 170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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